

1    **ABSTRACT**

2           A secure communication channel between an open system and a portable  
3 IC device is established. An application running on the open system desiring  
4 access to the information on the portable IC device authenticates itself to the  
5 portable IC device, proving that it is trustworthy. Once such trustworthiness is  
6 proven, the portable IC device authenticates itself to the application. Once such  
7 two-way authentication has been completed, trusted communication between the  
8 open system and the portable IC device can proceed, and private information that  
9 is maintained on the portable IC device can be unlocked and made available to the  
10 application.